



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/10/2004  
Carla Magda Krivak Office of Patent Counsel  
The Johns Hopkins Univ Applied Physics Laboratory  
11100 Johns Hopkins Road  
Laurel, MD 20723-6099

RECEIVED  
OFFICE OF

SEP 14 2004

PATENT  
COUNSEL

EXAMINER

JUNG, DAVID YIUK

ART UNIT

PAPER NUMBER

2134

DATE MAILED: 09/10/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/519,187	03/06/2000	William H. Zinger	1424-8124	8441

TITLE OF INVENTION: SOFTWARE PROTECTION FOR SINGLE AND MULTIPLE MICROPROCESSOR SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	12/10/2004

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.**

**HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



BI PW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Notice of Allowance dated 9/10/2004

JHU/APL Docket No. 1424-8124

Serial No.: 09/519,187

Group Art Unit 2134

Filed: 3/6/2000

Examiner: Jung, David Yiuk

Inventors: William H. Zinder et al.

For: Software Protection for Single and Multiple Microprocessor Systems

TRANSMITTAL OF FORMAL DRAWINGS TO  
THE OFFICIAL DRAFTSPERSON

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed please find new replacement drawings of the informal drawings originally submitted (see enclosed Notice of Allowability. A copy of the Notice of Allowance and Fee(s) Due is also enclosed.

Please substitute the enclosed drawings for those originally filed.

Respectfully submitted,

*BY U.R.*

Benjamin Y. Roca  
Registration No. 50,166  
Attorney for Applicant

Date: 11/2/04

BYR:lh  
(240) 228-5644

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Date	<u>11/2/04</u>
Signature of person mailing correspondence	<u><i>Lydia Henry</i></u>
Typed or printed name of person mailing certificate <u>Lydia Henry</u>	

NOV 03 2004  
U.S. PATENT & TRADEMARK OFFICE

**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
1424-8124

In Re Application Of William H. Zinder et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/519,187	3/6/2000	Jung, David Yiuk	26085	2134	8441

Title: **Software Protection for Single and Multiple Microprocessor Systems**

TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Transmitted herewith is:

**Transmittal of Formal Drawings to the Official Draftsperson**  
**Replacement Drawings (5 pages)**  
**Copy of Notice of Allowance and Fee(s) Due**

in the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **01-2218** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

*By U-R*

Signature

Dated: *11/2/04*

**Benjamin Y. Roca**  
**Office of Patent Counsel**  
**THE JOHNS HOPKINS UNIVERSITY**  
**Applied Physics Laboratory**  
**11100 Johns Hopkins Road**  
**Laurel, MD 20723-6099**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

*11/2/04*  
(Date)

*Lydia Henry*  
Signature of Person Mailing Correspondence

**Lydia Henry**

Typed or Printed Name of Person Mailing Correspondence

cc: